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# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

03/25/2004

RICHARD S. ROBERTS P. O. BOX 484 PRINCETON, NJ 08542

**EXAMINER** VU. HUNG K

ART UNIT

PAPER NUMBER

2811

DATE MAILED: 03/25/2004

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/328,646	06/09/1999	SHI-QING WANG	30-4687(4780	7096

TITLE OF INVENTION: INTEGRATED CIRCUITS WITH MULTIPLE LOW DIELECTRIC-CONSTANT INTER-METAL DIELECTRICS

APPLN, TYPE	APPLN, TYPE SMALL ENTITY ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	06/25/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current **SMALL ENTITY status:** 

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check the box below and enclo the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u>

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed wh appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

maintenance fee notifications.

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Note: A certificate of mailing can only be used for domes

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03/25/2004

RICHARD S. ROBERTS P. O. BOX 484 PRINCETON, NJ 08542 Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, m have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the Un States Postal Service with sufficient postage for first class mail in an envel addressed to the Mail Stop ISSUE FEE address above, or being facsim transmitted to the USPTO, on the date indicated below.

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APPLICATION NO. FILING DAT		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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nonprovisional NO \$1330			\$300	\$1630	06/25/2004	
EXAMINER		ART UNIT		CLASS-SUBCLASS	]	
VU, HUNG K		2811		257-759000		
Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).      Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.      "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			names of agents Of firm (hav agent) an	nting on the patent front page, you to 3 registered patent a R, alternatively, (2) the name ing as a member a registered d the names of up to 2 regist or agents. If no name is listed.	of a single attorney or 2ered patent	

### 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will no	t be printed on the patent);	individual	☐ corporation or other private group entity	governm
4a. The following fee(s) are enclosed:	4b. Payment of Fee(s):			
☐ Issue Fee	A check in the amou	int of the fee(s)	is enclosed.	
□ Publication Fee	Payment by credit c	ard. Form PTO-	2038 is attached.	
☐ Advance Order - # of Copies	☐ The Director is her Deposit Account Num	eby authorized ber	by charge the required fee(s), or credit any (enclose an extra copy of this	overpayment form).
Director for Patents is requested to apply the Issue Fee and Publication	on Fee (if any) or to re-apply	any previously p	paid issue fee to the application identified above	ve.

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above

(Authorized Signature)

(Date)

NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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RICHARD S. ROBERTS			VU, HUNG K		
P. O. BOX 484 PRINCETON, NJ	08542		ART UNIT	PAPER NUMBER	
, ,			2811		
			DATE MAILED: 03/25/200-	4	

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a ha months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

	Application No.	Applicant(s)				
	09/328,646	WANG ET AL.				
Notice of Allowability	Examiner	Art Unit				
	Hung K. Vu	2811				
			<u>.                                    </u>			
The MAILING DATE of this communication appearance All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate comm GHTS. This application is	in this application. If not include nunication will be mailed in due	ed course. <b>THIS</b>			
1. This communication is responsive to <u>01/22/04</u> .						
2. The allowed claim(s) is/are 23-31.						
3. $\square$ The drawings filed on $\_\_\_$ are accepted by the Examine	r.					
4. ☐ Acknowledgment is made of a claim for foreign priority ur  a) ☐ All b) ☐ Some* c) ☐ None of the:		) or (f).				
<ol> <li>Certified copies of the priority documents have</li> <li>Certified copies of the priority documents have</li> </ol>		tion No				
3. Copies of the certified copies of the priority documents have			ition from the			
International Bureau (PCT Rule 17.2(a)).	<del>-</del> · · · · · · · · · · · · · · · · · · ·					
* Certified copies not received:						
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		le a reply complying with the rea	quirements			
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give	itted. Note the attached Exes reason(s) why the oath	KAMINER'S AMENDMENT or Nor declaration is deficient.	IOTICE OF			
6. X CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.					
(a) 🛛 including changes required by the Notice of Draftspers	on's Patent Drawing Revi	ew ( PTO-948) attached				
1) ☐ hereto or 2) ☒ to Paper No./Mail Date <u>5</u> .						
(b) including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment	or in the Office action of				
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t	.84(c)) should be written on he header according to 37 (	the drawings in the front (not the CFR 1.121(d).	∍ back) of			
7. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			Note the			
Attachment(s)						
1. Notice of References Cited (PTO-892)	5. Notice of	Informal Patent Application (PT	O-152)			
2. $\square$ Notice of Draftperson's Patent Drawing Review (PTO-948)		Summary (PTO-413),				
3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date		o./Mail Date 's Amendment/Comment				
4. Examiner's Comment Regarding Requirement for Deposit	<del></del>	's Statement of Reasons for Allo	owance			
of Biological Material	9. 🗌 Other	- 11 . 10				

HUNG VU PATENT EXAMINER